

Pennsylvania: Apples – Agricultural Chemical Applications, 2005¹

Active Ingredient	Area Applied Percent	Appli-cations Number	Rate per Application	Rate per Crop Year	Total Applied
					1,000 lbs.
Herbicides					
2,4-D	4	1.0	0.389	0.396	0.3
2,4-D dieth. sal	3	2.1	1.108	2.282	1.5
2,4-D dimeth. salt	15	1.2	0.954	1.106	3.6
Diuron	12	1.3	1.418	1.843	5.0
Glyphosate iso. salt	17	1.2	1.041	1.211	4.5
Norflurazon	10	1.0	1.325	1.380	2.9
Paraquat	23	1.3	0.638	0.842	4.2
Simazine	18	1.0	1.806	1.835	7.2
Terbacil	5	1.1	0.759	0.806	0.9
Insecticides					
Abamectin	6	1.8	0.006	0.011	(²)
Acetamiprid	23	2.6	0.057	0.149	0.8
Azinphos-methyl	65	5.0	0.382	1.927	27.2
Benzoic acid	37	2.4	0.099	0.238	1.9
Bt subsp. kurstaki	3	1.3	(³)	(³)	(²)
Carbaryl	34	1.5	0.641	0.987	7.4
Chlorpyrifos	36	1.4	0.692	0.941	7.3
Clofentezine	2	1.7	0.049	0.082	(²)
Diazinon	23	3.5	0.437	1.529	7.6
Dimethoate	2	2.8	0.685	1.927	0.8
Endosulfan	4	1.9	0.453	0.878	0.7
Esfenvalerate	22	1.7	0.021	0.036	0.2
Etoxazole	31	1.9	0.073	0.139	0.9
Fenpropathrin	20	2.0	0.116	0.235	1.0
Gamma-cyhalothrin	17	2.0	(³)	(³)	(²)
Hexythiazox	1	1.1	0.167	0.188	0.1
Imidacloprid	25	1.5	0.025	0.038	0.2
Indoxacarb	6	1.7	0.047	0.079	0.1
Lambda-cyhalothrin	6	1.3	0.023	0.028	(²)
Methidathion	2	1.4	0.391	0.546	0.3
Methomyl	21	2.3	0.266	0.601	2.7
Novaluron	32	3.3	0.067	0.221	1.5
Oxamyl	8	1.9	0.248	0.472	0.8
Permethrin	7	1.4	0.248	0.345	0.5
Petroleum distillate	50	1.7	14.455	25.168	276.5
Petroleum oil	11	2.2	11.318	24.587	56.7
Phosmet	36	3.8	0.732	2.798	22.2
Pyridaben	2	2.1	0.130	0.278	0.1
Thiacloprid	16	4.1	0.071	0.289	1.0
Fungicides					
Basic copper sulfate	20	1.2	0.582	0.682	3.0
Boscalid	2	1.2	0.083	0.103	0.1
Captan	68	6.9	0.945	6.487	95.5
Chlorothalonil	1	1.8	1.512	2.663	0.6
Copper hydroxide	6	2.3	1.261	2.915	3.7
Copper oxychloride sulfate	9	1.1	1.908	2.155	4.4
Copper oxychloride	20	1.2	2.039	2.393	10.5
Copper sulfate	6	1.0	1.205	1.205	1.5
Cyprodimil	11	1.4	0.086	0.118	0.3
Dodine	5	1.8	0.393	0.707	0.7
Fenarimol	5	3.4	0.046	0.158	0.2
Kresoxim-methyl	43	4.2	0.064	0.271	2.6
Mancozeb	51	5.8	1.375	7.925	88.0
Metiram	18	5.5	1.175	6.514	26.0
Myclobutanil	36	3.3	0.055	0.181	1.4
Pyraclostrobin	2	1.3	(³)	0.001	(²)
Pyrimethanil	27	1.6	0.169	0.274	1.6
Streptomycin	11	1.9	0.085	0.158	0.4
Sulfur	4	1.6	1.816	2.824	2.5
Thiophanate-methyl	51	5.5	0.204	1.129	12.6
Thiram	18	5.1	1.465	7.419	29.9
Trifloxystrobin	17	3.3	0.038	0.128	0.5
Ziram	25	4.6	1.661	7.651	41.5

See footnote(s) at end of table.

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